

WHAT IS CLAIMED IS:

1. A telescopic flashlight that includes a lighting member mounted on the tip of a telescopic arm member having a handling member and is capable of turning on and off the light by a switching operation, comprising:

cap-attaching portions respectively formed on the butt end of the handling member and the tip of the lighting member; and
a cap member detachably attached to each of the cap-attaching portions, wherein

the cap member is allowed to be provided as a cover to be attached to the tip of the lighting member or to be attached to the butt end of the handling member to be housed thereon.

2. The telescopic flashlight according to claim 1, wherein
a generally doughnut-shaped magnet having an opening for passing light from the lighting member.

3. The telescopic flashlight according to claim 1, wherein
a coloring element to provide the light from the lighting member with color is mounted on the cap member.

4. The telescopic flashlight according to claim 1, wherein
a lens for diffusing or concentrating the light from the lighting member is mounted on the cap member.

5. The telescopic flashlight according to claim 1, wherein
an arm member of a retainer for retaining a functional part

such as a mirror or a magnifying mirror is mounted on the external side of the cap member.

6. The telescopic flashlight according to claim 1, wherein the peripheral wall of the cap member is formed of an optically transparency material.

7. The telescopic flashlight according to claim 1, wherein the lighting member comprises: a battery-housing part for holding a small-sized battery such as a button type battery; and an emitter-holding part for holding a light-emitting member that emits light using the small-sized battery as its electric source, where the emitter-holding part is detachably connected to the battery-housing part.

8. The telescopic flashlight according to claim 7, wherein a switching structure is provided such that a connecting portion such as a screw is formed on the inner peripheral surface or outer peripheral surface of the emitter-holding part and another connecting portion such as a screw that corresponds to the connection portion is formed on the outer peripheral surface or inner peripheral surface of the battery-housing part, so that a conductor connected to the lighting member is energized when it is brought into contact with the small-sized battery by connecting the emitter-holding part with the battery-housing part, while the conductor is not energized when it is detached from the small-sized battery by loosing the connection between

the emitter-holding part and the battery-housing part to slightly move the emitter-holding part away from the battery-housing part.

9. The telescopic flashlight according to claim 1, wherein the external cylindrical part of the telescopic arm member is provided as a handling member.

10. The telescopic flashlight according to claim 1, wherein

a power-source housing part for housing a power supply such as a battery or a secondary cell is provided on the butt end of the telescopic arm member in a connected row arrangement, and a casing of the power-supply housing part is provided as a handling member.

11. The telescopic flashlight according to claim 1, wherein

the lighting member is attached to the tip of the telescopic arm member through a joint part and the joint part is able to change the angle of the lighting member in a direction different from the extending direction of the telescopic arm member.

12. The telescopic flashlight according to claim 11, wherein

the joint part acts as a spherical surface bearing for each of the tip of the telescopic arm member and the butt end of the lighting member.

13. The telescopic flashlight according to claim 1,
wherein

a clip is attached to the handling member.

14. The telescopic flashlight according to claim 5,
wherein

a retaining part for retaining a mirror or a magnifying lens through an arm member having a joint part is provided on the external side of the cap member to allow the angle of the retaining part to be changed.

15. The telescopic flashlight according to claim 14,
wherein

the joint part is formed of a bearing arm that acts as a spherical surface bearing of each of the tip of the arm member of the cap member and the butt end of the retaining part.

16. The telescopic flashlight according to claim 1,
wherein

the cap member has an enlarged portion having a tip enlarged like a horn to extend the angle of light.

17. A telescopic flashlight according to claim 1, wherein
a telescopic flashlight, comprising:
a magnet fixed on the bottom surface of the handling member such that the bottom surface of the magnet is substantially flat

to allow the flashlight to be stand itself on a magnetic body such as an iron plate by magnetically attaching to the magnetic body;

a cap-attaching portion formed on the tip of the lighting member; and

a cap member detachably attached to the cap-attaching portion, where the cap member can be used as a cover when it is attached to the tip of the lighting member.

18. The telescopic flashlight according to claim 1 or 17, wherein

the cap member is integrally formed on the lighting member.